

THE INVENTION CLAIMED IS:

1 1. An image processing apparatus, comprising:
2 operation picture producing means for producing an
3 operation picture containing indicia corresponding to a
4 plurality of image processing functions among which a
5 selection can be made by an external operation;
6 display means for displaying said operation picture;
7 position input means, including a portion placed over a
8 screen of said display means to detect a touch operation as
9 said external operation, said position input means having a
10 first operating mode to enter a position designated by the
11 touch operation as an absolute position on the operation
12 picture displayed on said display means;
13 identifying means for identifying a selected image
14 processing function, among said plurality of image
15 processing functions, based on the position entered through
16 said position input means;
17 image processing means for carrying out the image
18 processing function identified by said identifying means;
19 and
20 output means for outputting the operation picture
21 produced by said operation picture producing means to an
22 external display device.
23 wherein, when the operation picture is output to the
24 external display device through said output means, said
25 position input means ^{can operate} operates in a second operating mode to
26 enter the position designated by the touch operation as a

N/A

could
"capable of

12/15
11/10/10

27 relative position on the operation picture displayed on the
28 external display device.

1 2. An image processing apparatus as defined in Claim
2 1, further comprising:

3 display control means for turning off a display of the
4 operation picture on said display means when the operation
5 picture is output to the external display device through
6 said output means.

1 3. An image processing apparatus as defined in Claim
2 1, further comprising:

3 image adding means for adding a cursor, indicating the
4 position entered through said position input means, to the
5 operation picture produced by said operation picture
6 producing means and supplied to said output means.

1 4. An imaging processing apparatus as defined in Claim
2 1, further comprising:

3 remote input means for allowing the external operation
4 to be performed by a remote operation, and

5 wherein, when the operation picture is output to the
6 external display device through said output means, said
7 position input means operates in said second mode to enter
8 the position designated by the remote operation as a
9 relative position on the operation ^{picture} ~~screen~~ displayed on the
10 external display device, and

11 said identifying means identifies a selected image
12 processing function among said plurality of image processing
13 functions, based on the position entered through said remote
14 input means.

1 5. An image processing apparatus as defined in Claim
2 4, further comprising:

3 image adding means for adding a cursor, indicating the
4 position entered through said remote input means, to the
5 operation picture produced by said operation picture
6 producing means and supplied to said output means.

1 6. An image processing apparatus as defined in Claim
2 1, and which is constituted by an electronic camera.

1 7. An image processing apparatus, /comprising:

2 an operation picture producing portion which produces
3 an operation picture containing indicia corresponding to a
4 plurality of image processing functions among which a
5 selection can be made by an operator; /

6 an image display unit; /

7 an output unit which outputs said operation picture to
8 an external display device; /

9 a position input portion which inputs a position
10 designated by the operator on the operation picture
11 displayed on the external display device; /

12 an identifying portion which identifies a selected
13 image processing function, among said plurality of image
14 processing functions, based on the designated position input
15 by said position input portion; and
16 an image processing portion which carries out the
17 selected image processing function.

1 8. An image processing apparatus as defined in Claim
2 7, wherein said position input portion is constructed to
3 input a position designated by the operator, on the
4 operation picture displayed on the external display device,
5 with a remote control which provides a signal to said
6 position input portion.

1 9. An image processing apparatus as defined in Claim
2 7, wherein said position input portion includes a touch-
3 responsive unit, having a portion placed over a screen of
4 said image display unit, with which the operator can
5 designate a position on the operating picture displayed on
6 the external display device by touch operation.

1 10. An image processing apparatus as defined in Claim
2 9, wherein said image display unit is connected to said
3 operation picture producing portion to display the operation
4 picture; said position input portion has a first operating
5 mode to input a position designated by the operator via said
6 touch-responsive unit on the operation picture displayed on

7 said image display unit, and a second operating mode to
8 input a position designated by the operator via said touch-
9 responsive unit on the operation picture displayed on the
10 external display device.

1 11. An image processing apparatus as defined in Claim
2 10, wherein said position input portion is constructed to
3 input a position designated by the operator, on the
4 operation picture displayed on the external display device,
5 with a remote control which provides a signal to the
6 position input portion.

1 12. An image processing apparatus as defined in Claim
2 7, and which is constituted by an electronic camera.

1 13. An operating method/of an image processing
2 apparatus having an image display unit and an output unit/
3 which is to be connected to an external display device, // said
4 method comprising:

5 producing an operation picture containing indicia
6 corresponding to a plurality of image processing functions
7 among which a selection can be made;

8 outputting the operation picture to the external
9 display device;

10 inputting a position designated by the operator on the
11 operation picture displayed on the external display device;

12 identifying a selected image processing function, among
13 said plurality of image processing functions, based on the
14 input position; and
15 performing the selected image processing function.

1 14. A method as defined in Claim 13, wherein said
2 position is designated by the operator performing a touch
3 operation of a touch-responsive unit having a touch portion
4 placed over a screen of said image display unit.

1 15. A method as defined in Claim 13, wherein said
2 position is designated by the operator with a remote control
3 unit which provides a signal to the image processing
4 apparatus.

1 16. A method as defined in Claim 13, wherein said
2 inputting constitutes one of two selectable inputting modes,
3 the other of said inputting modes including inputting a
4 position designated by the operator on the operation picture
5 displayed on said image display unit.

1 17. A method as defined in Claim 13, wherein said
2 image processing apparatus is an electronic camera.